

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Pete Rossi <wa3nna@resuba.com>  
Subject: [5303] 2240z QRP BEACON IS ON!  
Message-ID: <199611292244.RAA14017@resuba.com>

Friday November 29 1996 2240 UTC

QRP BEACON IS ON 7021 KHz !!!

Take your best shot! Good luck.

Please send all reports to beacon@resuba.com

Pete Rossi - WA3NNA  
wa3nna@resuba.com  
beacon@resuba.com

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Bob Hightower <ki7mn@dancris.com>  
Subject: [5284] 40M loop  
Message-ID: <199611291703.KAA05201@dancris.com>

I want to improve my chances of hearing, and catching, the Fox. I'd like to put up a 40 meter loop, but it wouldn't be very high. Have about 280' to play with (circumference). Would that work? How to feed it (I have 300 and 450 ohm ladder line, as well as the usual coax).

I could probably get it about 15-20' up with no trouble, but there are no trees at all to attach it to, so higher doesn't seem possible.

Please e-mail direct. If this can be done, seems like a project for this weekend, provided the rain holds off.

73,

Bob KI7MN

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Pete Meier WK8S <pmeier@tir.com>  
Subject: [5286] ALERT!!-FDIM-BANQUET-TICKETS-ALERT!  
Message-ID: <199611291724.MAA27576@tir.com>

Hello Gang,

I'll type this slowly so pay attention!!....

QRP BANQUET TICKETS ARE SEPARATE FROM FDISM SYMPOSIUM TICKETS !!!!!

The QRP BANQUET Tickets officially go on sale after January 1, 1997.

The QRP Banquet Tickets are purchased ONLY from PETE MEIER WK8S.  
Cost is \$15.00 for a great dinner with lots of door prizes.  
Send your check or money order for the Banquet Tickets payable to:

Pete Meier WK8S  
4181 Rural  
Waterford, MI 48329

BTW a RETURN SELF ADDRESSED, STAMPED ENVELOPE WOULD BE MUCH APPRECIATED!!

Further announcements on this event will appear periodically.

Pete WK8S

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Brian Kassel <bkassel@evergreen.com>  
Subject: [5291] AZ ScQRPion Meeting Scheduled  
Message-ID: <329F331C.5C81@evergreen.com>

Folks:

The regular monthly get together of the AZ ScQRPions will  
be held on Saturday, Dec 7, but \*NOT\* at the usual place or time.

We will all get together at the Mesa Hamfest at about 11:00 A.M.  
around my pickup/camper. I will be getting to the hamfest  
grounds (Mesa Community College) on Friday evening with  
KI3K. We will have the little QRP info packets that I made  
up as well as small banner hung over the "campsite".  
We'll have an antenna up, probably my portable dipole  
mounted on my 30' poles. No trees in the parking lot!

My pickup is a 1988 Red Ford with a bed mounted popup  
camper that is beige and red. It should not be difficult to spot it from afar.  
The site is located on the NE side of the junction of Highway 60  
and Dobson Road. The hamfest begins at about dawn, or even a bit  
before, hence the camper. I really can't stand not to be one

of the first with a flashlight and a a bunch of 1 dollar bills!  
Shop till you drop, then come by and visit us all at about  
11:00 AM. Our meetings are very laid back and always informative.

--

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*****
* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 *
*           QRP-L #404   - ARCI #3623                *
*****
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From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "Claton Cadmus" <aplitech@Spacestar.Net>  
Subject: [5278] December MNQRP Meeting  
Message-ID: <199611291234.GAA11221@Spacestar.Net>

Attention all Minnesotans,

The December 1996 meeting of the "Minnesota QRP Society" will be held;

Date: Saturday, December 7th, 1996  
Time: 2:00pm to 4:30pm  
Place: Edina Community Library  
4701 West 50th Street  
Edina, Minnesota

This is just east of Hwy. 100 on 50th Street next to the police station.

There will be a very short business meeting and then the fun begins.  
Please bring your QRP rigs, keys/paddles, tuners and accessories etc. for  
show and tell.

The Handi-Ham Hamfest/Auction will be at Courage Center in Golden Valley  
the same day. This is only ten minutes from our meeting site. The  
Hamfest starts at 8:00am and ends at 2:00pm, so there is two good reasons  
to be in the area! (Maybe we can get a few outstate QRP'ers to drive into  
the city and join us!)

So here's a chance to make a full day of it. Hit the Hamfest and scrounge  
for those Home Brew parts and then come to the MNQRP Meeting and tell us  
what your going to use them for.

Hope to see you there.

Claton Cadmus |73 de KA0GKC  
Application Technologies Inc. |ARRL, QRP-ARCI, NorCal  
Ph. (612)926-8886 |ARCC, MNQRP Society

Fax (612)926-8545 |ka0gkc@ka0gkc.ampr.org  
E-mail cla@spacestar.net |ka0gkc@wb0gdb.#stp.mn.us

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "Phil, AC6LS" <ac6ls@amsat.org>  
Subject: [5295] directions to fry's Freemont ????  
Message-ID: <329F40B3.74DB@amsat.org>

sri for the bw, but a couple of us qrpers would like to goto the FRYs store in Freemont after this Sundays Livermore swap.

My map doesnt go into too much detail for Freemont, so I was wondering if one of you that frequent that store could point me in the right direction.

440 Mission Ct. is the address.

also, If you have been to the Freemont store, how does it compare with the sunnyvale and san jose stores?? we will be shopping for parts and stuff we cant find at the swap. We will be willing to drive the extra distance for the better selection. btw, we live down in Dougs neck of the woods, and we are talking about a 1.5 hr drive just to the swap.

thanks es 73 de Phil

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Owen Quarles <k1oj@swbell.net>  
Subject: [5305] e-mail add change  
Message-ID: <329F6B6C.7EE5@swbell.net>

Howdy All.  
New e-mail address for me....k1oj@swbell.net....  
bye,  
OJ K10J  
..

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>  
Subject: [5280] Feedline Question  
Message-ID: <961129140618\_70511.3041\_IHD73-2@CompuServe.COM>

Hi All:

I am planning to build an all band inverted vee, and to feed it with 450-ohm window wire. Somewhere there is a formula on feedline lengths. That is, the formula speaks of \*avoiding\* certain feedline lengths.

Anyway, who can send me this formula? Would like to get the thing in the air today if possible, as the weather is amenable.

Many thanks in advance for your help.

72/73,  
--Doc/K0EVZ

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: n4so@juno.com (CHARLES K BROWN)  
Subject: [5296] FOX  
Message-ID: <19961129.145743.7599.4.n4so@juno.com>

Randy is the next FOX on Dec. 4.  
You can get the full schedule from:  
listserv@lehigh.edu

get qrp-1/foxhunt schedule

#### 1996-1997 FOX SCHEDULE

Dec 4	0200-0400	KS4L	Randy	AL
Dec 5	0200-0400	NQ7K	Mike	AZ
Dec 10	0100-0300	N8VAR	Ron	OH
Dec 12	0300-0500	N6GA	Cam	CA
Dec 17	0200-0400	W5TFB	Jack	TX
Dec 18	0300-0500	W0CH	Dave	MO
Dec 24	0100-0300	AA1IK	Ernie	NH
Dec 27	0200-0400	WA5VQK	Tim	TX
Dec 31	0100-0300	WB8ZJL	Paul	MI

Ken Brown, N4SO  
QTH Near Mobile, AL

QRP-L #622  
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: kb0rol@juno.com (Bradley L Mugleston)  
Subject: [5273] Fox - Novice/Tech+ Corrections  
Message-ID: <19961128.225837.7327.5.kb0rol@juno.com>

0228 WJ4UE 579 ID Larry 228 - Im not sure about the  
call the 4 sounded like H

Well it turns out this was an H the call should be W1HUE Larry in Idaho.

I also want to correct one of my first contacts on October 9th - W8CDU  
should be WA8CDU - Bill

Thanks

Brad Mugleston - KB0ROL  
Colorado QRP Club # 170, QRP-L #316, ARRL  
QTH - Aurora, CO - DM79oq  
KB0ROL@JUNO.COM  
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: kb0rol@juno.com (Bradley L Mugleston)  
Subject: [5307] FOX - Novice/Tech+ Schedule  
Message-ID: <19961129.180657.7583.1.kb0rol@juno.com>

\*\*\*\* FOX NIGHT \*\*\*\*\* FOX NIGHT \*\*\*\*\* FOX NIGHT \*\*\*\*\*

Thursday December 5 KB0ROL Brad CO 0200-0400UTC  
I will be the FOX - Lets try 7.112 again - I'll try to control my drift  
if I notice it so If you loose me I will go back down to 7.112 but only  
if I have to call CQ again - went 1 1/2 hours last time before I needed  
call CQ. I need to work on my speed (CW and turn around time) so I'm  
only going to send my info once and probably much faster than I can  
receive so If you could send yours twice and put more space between  
characters I would appreciate it.

Remember that Thursday December 5th 0200 to 0400 UTC or Wednesday night  
local (1900 to 2100 MST)

PS I still don't have Texas - does any one know if there is life there or just tumble weeds? (That's a challenge) I also need more SE states - Thanks to Bill KK4KF I got Florida so I know my signal goes that way - OK it was 339 but I made it.

Lets try for 30 QSO's again - That's only one every 4 minutes so we don't need to be rushed.

Thanks for all those who tried and lets try again.

de

Brad Mugleston - KB0ROL  
Colorado QRP Club # 170, QRP-L #316, ARRL  
QTH - Aurora, CO - DM79oq  
KB0ROL@JUNO.COM  
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Ed Tanton <n4xy@avana.net>  
Subject: [5310] FS: ARGO II  
Message-ID: <3.0.32.19961129214654.00951510@tiger.avana.net>

Hi All... I have decided to sell my Ten Tec Argo II... Besides the obvious reason (need the \$\$\$,) the other reason is that I discovered that my OMNI VI would simply turn down to 5W (and below-don't know why I hadn't tried this earlier) and I REALLY like the rcvr in my 'VI... so it is for sale. I hate to part with it.

Excellent condition. Original owner. W / manual. No mike included.  
Price: \$750. delivered via UPS to CONUS.  
72/73

Ed Tanton N4XY      EMAIL: n4xy@avana.net      TEL: (770)579-3933 V/MBX/FAX  
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663      G-QRP#6779      OK-QRP#172      QRP-L#758      AdvRC#140  
NORCAL#1779      NCDXF      SEDXC

Life Member:   ARRL      AMSAT      IDRA      INDEXA      QCWA      URL: Coming Soon

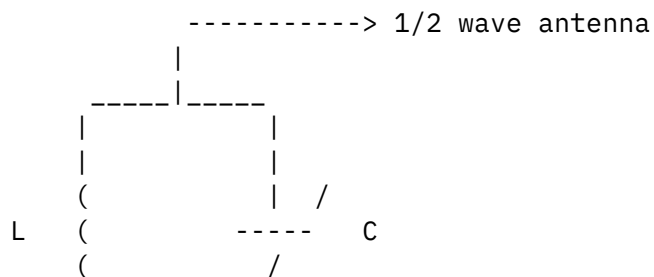
"Think you can, think you can't: either way you're right!"   Henry Ford

Gang,

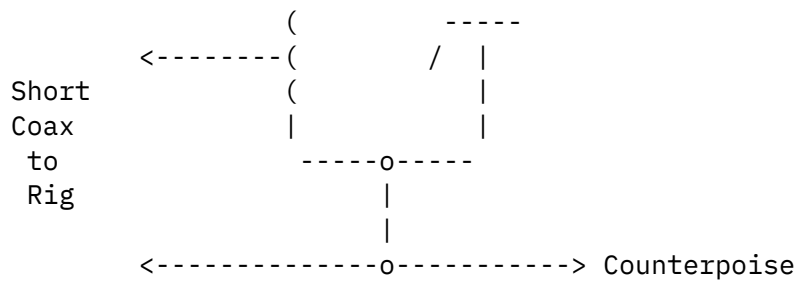
As a single band antenna, it is very simple! For example on 40 meters, all you need is a 67 or so foot length of wire for the antenna and a counterpoise of some sort. Since efficiency is not the issue (the end fed wire is high impedance), the counterpoise simply helps to establish some sort of ground return. My favorite is just a quarter wave length of wire (33-34 feet for 40 meters) laying on the ground.

As a portable antenna, this configuration is very handy. Coils of small diameter wire can very easily be slipped into a sandwich size zip-lock bag and carried with your favorite trail friendly radio. While a lightweight dipole may weigh a good fraction of a pound, eliminating the feedline cuts out most of that, so you end up with a couple of ounce antenna! And as a convenient support, the 20 foot pole used for the Saint Louis Vertical would be more than adequate.

But that's not a real problem, because a tuner for the half wave antenna needn't be more complicated than a basic tuned circuit! A crude ASCII sketch shows the details:







The coil L is merely a common inductor, using a compact T-50 or T-68 toroid core. Variable capacitor C can be as minimal as a compression mica trimmer.

The inductor acts a matching transformer, tapped to convert the high impedance (500 ohms to several thousand ohms) down to 50 ohms which most QRP rigs like to see. The capacitor resonates with the inductor to make the whole thing resonant at the operating frequency.

How small and lightweight is the tuner? - VERY!

The half-wave antenna tuner is the heart of the Rainbow Bridge/Tuner, one of the finalists in the Norcal Design Competition. And the entire tuner and bar-graph LED display SWR bridge fit into an Altoids tin tipping the scales at just under 6 ounces!

Yes, this was just a teaser! Stay tuned for the up-coming formal announcement of the Rainbow Bridge and Tuner to be offered by NJQRP as a kit. It will be a perfect companion to the brother Design Competition finalist 38 Special for 30 meters \*and\* to the already-popular 40-9er.

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com

home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996

From: Claudio Watanabe <watanabe@matrix.com.br>

Subject: [5304] HB: Parts identification

Message-ID: <199611292142.TAA09677@matrix.amauri.com.br>

Hi guys,

Not really QRP, but I found in my junk some transistors and would like to know if someone knows what are them and their specifications. First I don't know the code but it's written on them:

CTC	CTC
ATB-1	ATB-2
AM044	AL006

two to use as push-pull                      one as exciter

The others are BLY-89A and 2N1613 and the diodes 1N23B and OA601.

Thanks in advance,

And reply direct to wata@pobox.com!!  
Claudio Watanabe    PP5WC  
wata@pobox.com  
<http://www.pobox.com/~wata>

From owner-qrp-1@Lehigh.EDU   Fri Nov 29 23:12:14 1996  
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>  
Subject: [5281] KE4KDT now KC40  
Message-ID: <2.2.32.19961129145154.00673c2c@pcc-uky.campus.mci.net>

One of the late ones to get new call. Obviously not one of my first 23 choices, but IS shorter at least. After the first 5 on the list, it was just a stab in the dark to get a 2x1; ho hum.

de KC40 (formerly KE4KDT)  
Roy Boggs

From owner-qrp-1@Lehigh.EDU   Fri Nov 29 23:12:14 1996  
From: Ron Giuntini <rong@slip.net>  
Subject: [5306] Linears  
Message-ID: <E0vTc5q-0006BT-00@ferret.slip.net>

How can the QRO guys justify running 1000 watts when 150 is more than enough for normal communications? I have read the Kurt N Sterba column for years and I have gathered enough knowledge to see that the extra few dB you pick up with a linear amp are not worth the trouble.. Why can't the antennas do the work? They can and do. I just wanted to get this off of my chest after

reading how somebody is turning down the power on his 730. That is the way to go.

Ron

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "Denton Bramwell" <denton@cyber-west.com>  
Subject: [5311] more free stuff  
Message-ID: <01BBDE25.D2EB1AC0@async3\_routera.cyber-west.com>

The last free varactors went out a few days ago.... now some more free stuff.

If you can use 120 pF mica caps, it's your lucky day.... ended up with a bunch of them. If you can use a few, send your sase to

denton bramwell  
2853 e country oaks dr  
layton, ut 84040

also free, but pick-up only:

RG-22, looks like coax, but really shielded 95 ohm parallel conductor, new, probably 100-150 ft

some kind of new, but useless, test device in a dandy aluminum case, about 8" cube

large fiberglass case for shipping/storing, about 24" cube

not free, but reasonably priced, and shippable:

Tek R7704 oscilloscope with 140 MHz dual trace vertical, delayed sweep, \$275 plus shipping

120 dB, 10 dB per step, DC-12.4 GHz attenuator... great piece of test equipment, absolute mint condition, \$200

SMA 20 dB pads, \$25 ea

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: jim hale <kj5tf@mctc.com>  
Subject: [5275] Need help with CQWW QSL addresses  
Message-ID: <329EC54E.7E67@mctc.com>

Hello, I need help finding QSL info on the following;

5V7A D44BC V26LN EA6IB CT8T

And did I copy 9Y4VV or VU ?

Whats the best place to look so I can find them myself next time?

Thanks and 72/3'z de Jim also kj5tf2@juno.com

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996

From: "Phil, AC6LS" <ac6ls@amsat.org>

Subject: [5294] NorCal 40a/Sierra mod (long)

Message-ID: <329F37ED.1797@amsat.org>

Well I just got the ok to post the following mod from Ron, KU7Y.  
enjoy!

(Ron's article from QRPp(Jun 95) between the arrows)

>>>>>>>

NorCal 40a Variable Bandwidth Xtal Filter Mod.

The NorCal 40a is a very nice radio. One of the things I like about it is that you can do so much with it. I have added an AF volume control (which Wayne keeps saying I don't need!), and a keyer. The keyer is based on the Curtis 8044ABC chip. So far, so good.

Good radio and I could have left it just like it was. But what the heck, why not look for things to keep making it better?

Wayne Burdick E-Mailed this idea to me awhile back and yesterday I got around to trying it. What is it? How about making the crystal filter a variable bandwidth filter? Take four resistors, three diodes, one capacitor and mix with a little solder, wire and a few minutes of your time and presto, you have a nice working variable bandwidth filter in your 40A. I haven't measured the response of the modified filter but judging by the seat of my pants I would say it goes from over 1 KHz to about 100 Hz. In the wide position you can hear both sides of a signal. In the narrow position all you hear is the station you are listening to. Wayne is using a similar system in his Sierra with good luck.

Parts needed: 3 - MVAM108 Varactor diodes. (I got mine from Newark electronics)

3 - 100k 1/8w Resistors  
1 - 10k Linear Taper Pot  
1 - 0.1 uF capacitor

Now comes the fun part. You will need to drill a hole in either the front or rear panel. I chose the front because there isn't any more room on the back of mine.

1. First remove C10, C11 and C12. These will not be reused. Use care in doing the removal. This is a high quality board but with enough abuse it could be damaged! If you have a hard time getting things off boards, cut the leads and then remove the lead. Clean the holes with a solder sucker and or solder wick.
2. Install one end of each of the three 100k resistors where the removed capacitors connected to the crystals. Connect the free end of these resistors to the wiper of the 10k pot.
3. Connect one end of the 10k pot to ground. I used a piece of wire from the pot to the ground hole of C12.
4. Connect the 0.1 uF capacitor between the wiper and the ground end of the 10k pot.
5. Connect the other end of the 10k pot to the regulated 8vdc. I connected a wire from the pot to R20. Use the end of R20 that is facing away from the front panel. DO NOT connect to the R17 side.
6. I chose to mount the diodes on the bottom. Mount them where the original capacitors were located. Connect the cathode to the crystals and the anode to ground. Use the picture in the 40a manual to orient the diodes correctly.

Do the normal checking for solder bridges etc. Then fire it up. I took the time to realign the whole rig. Then I started playing with it. WOW, what a rig. I leave the filter wide while tuning and calling CQ. Then, while in QSO, I narrow it down until it seems right! The more QRM the narrower I go!

Enjoy the rig and give the thanks to Wayne, both for the rig and the mod. Atta boy, Wayne!

72's, Ron, KU7Y

P.S. There are 2 filters in the Sierra. To make shure it is wide enough to listen to ssb you need to add one of the diodes to the second filter also. Wayne has all the details. Just e-mail him for the info.

>>>>>>>

Hold on before "flooding" Wayne for info...

having done the mod to both radios, let me add these comments...

the mods written up for the NorCal versions, should work on the Wilderness versions also. Should also mention that the NW8020 shows the same mod as an option.

40A- I got the 8vdc from U5 (near D7) and the ground from the hole between C48 and J3 and mounted the pot on the back panel.  
(no room on my rig, I have Jim, W6QIF's freq display installed)

Sierra- For the 8vdc, I used the top "lead" on S1 (rit) (front pnl mnt)  
The capacitors are C7, C8 and C9

The "extra" crystal filter is X5, just after the IF amp (U5)

This is very easy and works fine. The last thing I need to do, is find a knob for the pot.

Have fun

72 de Phil AC6LS

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996

From: herr@ridgecrest.ca.us (Michael Herr)

Subject: [5298] QRP satellites!

Message-ID: <v01530501aec527b5841a@[199.120.150.40]>

Hello gang,

The QRP satellites, RS-10 and RS-12 are begining to come into play again in the late evenings. The signals are strong and QRP can get you in to the fun. Just imagine them as a new band with short but definite openings! There is just not enough folks on them. Give it a try, all the info needed is on the AMSAT pages. Need help on when to listen, drop me a line on where you are at in terms of longitude and latitude and I'll send you off some times. Remember, for RS12 all you need is a qrp 15 meter transmitter and a 10 meter receiver, or if you have a rig that will do a band split, your there! You will need either an Advance or Extra ticket tho.

vy 72

Mike WA6ARA

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "W. D. (Doc) Lindsey" <70511.3041@CompuServe.COM>  
Subject: [5279] QRP-l number: How learn?  
Message-ID: <961129140613\_70511.3041\_IHD73-1@CompuServe.COM>

Gang:

How does one learn what your QRP-l discussion number is? I have been on here for some time, and never have learned this. Who can help?

72/73,  
--Doc/K0EVZ

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: John Dundas <ab6dg@netcom.com>  
Subject: [5290] So-Calif QRP get-together TOMORROW!!... (fwd)  
Message-ID: <Pine.3.89.9611290946.A6946-01000000@netcom19>

I thought Paul's message was worth repeating, since TOMORROW'S THE DAY!

Be there, be square.  
72/3  
John  
W6SU

----- Forwarded message -----  
From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Ed Tanton <n4xy@avana.net>  
Subject: [5313] SOLD: ARGO II  
Message-ID: <3.0.32.19961129234311.0091fdc0@tiger.avana.net>

Sorry Folks... the ARGO II was sold in about 20 minutes. I know I'm gonna hate myself in the morning for parting with it!  
72/73

Ed Tanton N4XY      EMAIL: n4xy@avana.net      TEL: (770)579-3933 V/MBX/FAX  
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663      G-QRP#6779      OK-QRP#172      QRP-L#758      AdvRC#140  
NORCAL#1779      NCDXF      SEDXC

Life Member:   ARRL      AMSAT      IDRA      INDEXA      QCWA      URL: Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Steve Bornstein <saborn@sreenet.columbus.oh.us>  
Subject: [5276] Ten-Tec Group Buy (long)  
Message-ID: <Pine.3.07.9611290459.A10818-b100000@login>

Hello Gang,

The Ten-Tec "Group Buy" is on. Ten-Tec is offering a 10% discount and free shipping on group orders of \$500 or more SHIPPED TO ONE ADDRESS.

We have set up "hubs" for the group buy. At present they are:

Columbus, Ohio	K8IDN	Steve Bornstein 614-263-5819
D.C. Area	NF3I	Scott Rosenfeld 301-549-1022
Norcal	WA6GER	Jim Cates

All orders will be shipped to the hubs. You will need to pick up your kits from the hub volunteer.

Steve (K8IDN) will handle all ordering and arrange shipment to the hubs. If you would e-mail your intended order I will notify you when each hub has received the \$500 minimum. Once notified you can send your check to:

Steve Bornstein K8IDN  
475 East North Broadway  
Columbus, Ohio 43214

For descriptions, prices, and catalog info see December "QST" page 171 or the Ten-Tec Web site at: <http://www.mvangel.com>

The closing date for the Group buy will be DECEMBER 11TH.

#### PARTIAL LIST OF TEN-TEC KITS

	Item	List	Group Price
----	40 Meter QRP xcvr	95.00	85.50
1220	5 watt 2 M xcvr	195.00	175.50
1221	30 watt module	64.00	57.60
1260	5 watt 6 M xcvr	195.00	175.50
1208	20 to 6 M xverter	95.00	85.50



1209	2 to 6 M xverter	95.00	85.50
1056	Anyband ssb/cw rcvr	29.00	26.10
1253	9 Band swl rcvr	59.00	53.10
1202	SWR/Power meter HF/VHF	49.00	44.10
1200	2 M 30 watt "Brick"	74.00	66.60

73, Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
 From: Steve Bornstein <sabornsb@freenet.columbus.oh.us>  
 Subject: [5289] Ten-Tec Group Order  
 Message-ID: <Pine.3.07.9611291223.A15421-91000000@login>

G'day All,

In answer to a number of inquiries I have been trying to ascertain the availability of a number of kits. Apparently Ten-Tec is closed for the weekend so I will post something on Monday when I get the answer. I am also checking to see if the group rate also applies to TP series metal boxes (If you aren't familiar with them check them out- I use them for most of my HB projects).

73, Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
 From: lve1@inel.gov (Larry V East)  
 Subject: [5299] The latest from INDEX...  
 Message-ID: <2.2.16.19961129095123.28578f7a@eloi>

>QRP COMPANION

>

>The most used accessories for the QRP PLUS Transceiver  
 >packaged in a matching cabinet!

>

>=B7 Antenna Tuner

>=B7 Noise Bridge

>=B7 Gel Cell Battery

>=B7 Charger  
>  
...snip snip...  
>  
>Price: \$195.00 - VISA/MASTERCARD Accepted  
>

Hmmm... Lets see now:

- MFJ Random Wire Tuner: \$49.95
- Noise bridge: \$39.95
- 6AH GelCell from WalMart: \$24.95
- Wall Charger from RS: \$12.95

Total comes to \$127.80. Hmmm... for only \$67.20 more, I can get all this in one little box. Just thinking out loud... :-)

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "W. D. (Doc) Lindsey" <70511.3041@CompuServe.COM>  
Subject: [5297] Too Many Rigs...So FS  
Message-ID: <961129211633\_70511.3041\_IHD42-1@CompuServe.COM>

Gang:

As expected, there is a lot of interest in the QRP rigs. Many e-mails have come and gone.

So far, the OHR400 and the TenTec PM-3a/AC-5 have been spoken for. I will ship them on Monday. That still leaves the following rigs available FS:

>> 1. OHR Classic Dual Bander for 40/20. 0-5 watts output, easily adjustable outside the case. excellent, mint condition, works perfectly. Includes built-in keyer. \$200.00 including shipping in continental USA.

. . .

3. Original Norcal 40. one of the finest rigs you can own. Beautiful construction. Can get just over 4 watts out with 13.8v power supply. Has the painted two-tone case. \$95.00 including shipping in continental USA.

. . .

These rigs are complete with manuals. I hate to sell anything to do with QRP, but there it is! They will likely go fast.

BTW, they would be great for yourself, or perhaps as gifts. And Christmas \*IS\* coming ... <<

73,  
--Doc/K0EVZ

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: lve1@inel.gov (Larry V East)  
Subject: [5301] Wednesday Night Fox Report  
Message-ID: <2.2.16.19961129101245.2857a6f2@eloi>

HOTDAM! 55 QSOs! I haven't had that much fun since running pile-ups from 4U1VIC back in 1982-83! Things really started off with a BANG! but the band got progressively worse as the evening went on -- I had to really dig for the last half dozen or so. Thanks to all who were able to pull me thru the SSB and digital QRM. I also had a higher than normal QRN level on my end, by my "super modified" QRP+ managed to dig 'em out. Hope I didn't miss too many before the band conditions went south.

Here's my log; let me know if any corrections are needed.

W1HUE QRP-L Fox Report -- Nov. 28, 1996 (UTC)  
(Wednesday evening, Nov. 27 in North America)

Time	Call	Sent	Received	
0130	N6XU	559	579	CA Stan 66 (you were really more like 589!)
0131	K1MB	579	559	CA Mike 614
0132	N9HH	559	569	IL Bill 824
0133	VE7CQK	559	579	BC Paul 206
0135	W7JDZ	579	599	ID Mac 752
0137	K06KA	569	569	CA Rob 176
0138	N7KT	579	559	AZ Roger 62
0139	NY9B	569	559	IN Roy 447
0140	NQ7X	559	559	AZ Floyd 343
0142	K5RV	559	559	LA Brian 324
0143	W5FN	569	559	TX Tim 586
0145	W5VBO	569	559	AZ Brian 404
0147	K5ON	559	559	NM Gary 770
0148	KU7Y	559	559	NV Ron 17
0149	AC8W	529	549	MI Stan 5W
0150	AK1P	559	559	CA Paul 284

0152	W6ZH	539	559	CA	Pete	257
0154	KI60Y	529	559	CA	Lee	378
0200	K6VNX	559	559	CA	Arlen	4W
0202	VE7SL	569	559	BC	Steve	769
0203	K0EVZ	529	549	MN	Doc	5W
0205	AA0XI	559	559	CO	Marshall	153
0206	W5TFB	559	559	TX	Jack	282
0207	AE4IC	539	339	NC	Bob	54
0208	AB50U/M	539	559	NM	Tim	73
0211	KK5RO	549	559	OK	Vernon	325
0212	W8DN	539	439	OHio	Mike	575
0214	NQ7K	549	559	AZ	Mike	47
0215	K6JI	559	579	CA	Dennis	303
0217	W6EMD	559	569	CA	Dave	294
0222	W6JHB	429	579	CA	Jim	596
0224	N4SO	559	339	AL	Ken	622
0225	W5HNS	559	559	TX	Henry	178
0228	KA5T	539	449	TX	Larry	89
0229	VE3JCR	549	339	ON	John	745
0231	WA9PWP	549	459	WIS	Paul	127
0233	N1QQV	559	339	CT	Ken	400
0234	NI0A	559	559	MN	John	689
0236	W6SU	539	549	CA	John	48
0237	WA8CDU	439	449	MIch	Bill	412
0239	KA7YOU	559	579	WA	Rod	844
0241	KJ7NS	539	559	WA	Phil	528
0243	W2DP	529	339	NJ	Bill	805
0249	WA1GUV	429	229	VT	Tom	5W
0252	N2VPK	539	559	NY	Mark	314
0254	W6BAB	429	559	CA	Harvey	5W
0300	W9DZ	529	439	IN	Allen	112
0302	W7GVN	539	559	AZ	Rod	849
0305	K5ZTY	539	339	TX	Bill	473
0308	W3PNL	539	339	PA	Joe	5Watts
0318	W03B	539	229	MD	Bob	195
0322	KC1FB	319	529	CT	Jim	29
0324	KB9IUA	429	329	IL	Kevin	384
0325	KA3WMJ	429	329	PA	Ken	355
0329	WD8KQY	539	339	OH	Gary	446

High scoring states:

AZ: 5  
CA: 12  
TX: 5

What happened to the "Texas Pipeline"?? :-) :-)

72 'till next time,  
Larry W1HUE

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: ji3m@maxwell.com (James R. Duffey)  
Subject: [5292] Will be in Davis Dec 9 - 13  
Message-ID: <v02130500aec4d6438699@[192.31.66.229]>

I will be at UC Davis doing some testing at the cyclotron from December 9th to the 13th. I would like to meet some of the QRP-L or Norcal bunch that lives in that area if possible. I will have a car and can make it over to Sacramento or other nearby areas as well. If anyone is interested in getting together for dinner or just an eyeball let me know. - Duffey  
KK6MC/5

James R Duffey KK6MC/5 DM65  
30 Casa Loma Road  
Cedar Crest, NM 87008

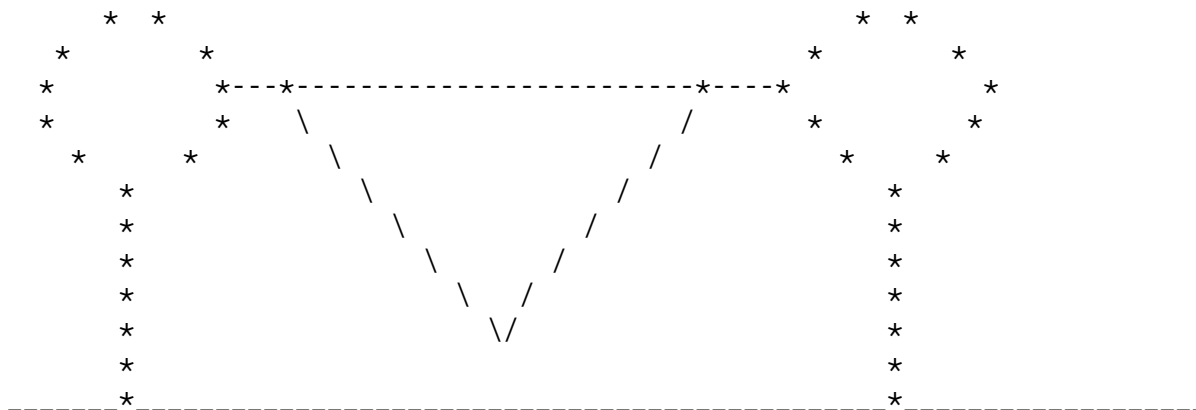
From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "David D. Meacham" <ddm@datatamers.com>  
Subject: [5287] Re: 40-meter Loop  
Message-ID: <Pine.LNX.3.91.961129093746.2027A-100000@dt1.datatamers.com>

Hi Bob,

My only antenna for 40 meters is a 40-meter Delta Loop. Its a great antenna for DX (low angle of radiation) IF you feed it so the polarization is vertical. The apex on mine is about 37 feet above ground. The horizontal portion is 7 feet above ground. Overall length about 143 feet. It needs only one support in this configuration. Feed it in a lower corner, or, as I do, 1/4-wavelength down from the apex. Feed impedance is about 115 Ohms. Use open-wire line to a balanced tuner. I use 72-Ohm transmitting Twinlead an electrical 1/2-wavelength long to the tuner. If fed in a corner you can use 1/4-wavelength of 75-Ohm coax, then any length of 50-Ohm coax to shack (this scheme for one band only).

Another, slightly better configuration is to invert the delta so the horizontal portion is high in the air and the point is near the ground. Radiation angle is lower still. Feed at a corner high in the air, or even

better, 1/4-wavelength UP from the point near the ground. For this one use ONLY balanced line (open wire, Twinlead, etc.). Impedance will be a little higher, say 125 Ohms. Needs two support points. Cud be like:



Anyway, you get the idea!

If you want two bands you could nest the 30-meter loop inside the 40 and feed them separately.

With a balanced tuner you can easily cover the whole 40-meter band.

If you use the 1/4-wave 75-Ohm transformer of coax be sure to cut the coax shorter than an electrical 1/4 wave by the velocity factor of the coax (about 0.66 times electrical length in space).

Max lobe is broadside (bidirectional). Off the sides, signal is about 3dB down. Main lobes are broad (beamwidth).

For a simple DX antenna for 40 or 30 I don't think you can beat the Delta Loop.

72, es gud luck, Dave, W6EMD

p.s. I'll try to dig up another bit of loop info. I sent both to AL7FS some time ago.

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
 From: "David D. Meacham" <ddm@datatamers.com>  
 Subject: [5293] Re: 40-meter Loop  
 Message-ID: <Pine.LNX.3.91.961129115533.3346A-100000@dt1.datatamers.com>

Brian, Good info! Hope you don't mind...I'm copying the list.

72, Dave, W6EMD

-----  
On 29 Nov 1996, Brian L. Lewis wrote:

```
> >> If you want two bands you could nest the 30-meter loop inside the 40 and
> feed them separately. <<
>
> I love my loops on 30/40, but I feed them with one coax. I feed the 40 meter
> loop with 50 ohm coax and a 4:1 balun and then run 4' of 450 ohm ladder line
> from the balun to the inner 30 meter loop (twisting the ladder line 1/2 turn).
> Good bandwidth, low noise, great Dx or Stateside.
>
>
>
> Brian L. Lewis
> K5RV (Formerly N50CD)
> Shreveport, La. (32.26.07n / 93.42.58w)
> 76500.1621@compuserve.com
> 29-Nov-1996 13:31:20 CST
>
>
>
```

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [5302] Re: 40-meter Loops: which way is up?  
Message-ID: <Pine.SOL.3.94.961129164327.21839C-100000@utkux4.utcc.utk.edu>

In the various exchanges about full-wave loop antennas, replies often omit the crucial fact: whether they are referring to a horizontally oriented loop or to a vertically oriented loop. The difference makes a great difference in performance and construction ease.

Among vertically oriented loops are the delta and the quad (usually square rather than diamond for the low bands. Square loops or quad loops of 1 wl generally show a lower take-off angle than dipoles set at the height of the lower quad wire--simply because the upper wire contributes to that angle. And they have a little gain over the dipole, but the exact amount depends on comparative heights between dipoles and quad loops.

Vertically oriented deltas give the operator two options. Fed up one leg (precisely where depends on the nature of the triangle), they become phased verticals with a very low take-off angle, but lesser gain. Fed at the bottom or top center, they become dominantly horizontally polarized antennas similar in performance to the square quad loop--allowing for

differences in how much wire is high and how much is low.

Horizontally-oriented delta and quad loops perform much like dipoles at the same height, with essentially the same take-off angles and only a little gain (or broader lobes, depending upon actual layout). Just as with a dipole, the key word for improvement is height, the higher, the better, as the take-off angle (or lobe of maximum radiation) gets lower. I have modeled dozens of configurations of horizontally-oriented 1 wl loops and can find no especial good reason to prefer one layout (square, triangle, hex, octagon, etc.) over another.

Unless one can get a non-vertically polarized antenna at least one-half wl up, expect a high angle of maximum radiation, good for short skip paths. If you are stuck below the half-wl level for the horizontal, consider one of the vertical antenna options for a second, low take-off angle antenna for longer skip paths on the lower HF bands. Among such antennas are the inverted L, 1/4-wl vertical, vertical dipole, the sloper (fed at the bottom or the top of the wire, the delta (equilateral or right angle) fed as phased verticals, and the half square.

All models presume flat, uncluttered terrain. Peculiarities of local terrain can modify antenna properties and make an antenna work well (or poorly) beyond its modeled performance. However, the peculiarities of terrain are not transferrable to other locations. Equally non-transferrable (but teachable) is operator performance--some of us can work the world while loading up a single human hair; some of us have difficulties working the guy next door with rhombics at both locations. When passing along ideas about what works and what does not with antennas for the lower HF bands, we should all try to sort out what is generally true and thus forms the basis for good expectations on the part of others--and what is true because of the peculiarities of my own situation and thus might not work as well elsewhere.

Case in point with another type of antenna. I have just finished a study of off-center-fed (OCF) dipoles (1/2 wl). They perform just as OCFs should perform, but about 80% of what has been said of them in print (especially ads for kits) is simply false or misleading. A lot of OCF "data" has come from individual "experience" and wishfully simplified formulas, but little of it prepares the OCF builder with the right expectations.

Where antennas can be vertically or horizontally oriented, I hope we can keep our reference points straight in the exchanges so that we the readers and learners can apply the right information to the right antenna.

-73-

LB, W4RNL



From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "Mike Rhodes" <weightdn@bright.net>  
Subject: [5309] Re: 40-meter Loops: which way is up?  
Message-ID: <199611300210.CAA01875@mail.bright.net>

Ok, so far I've seen mention of feed points everywhere except at the point that will be easisest for me to feed. I want to put up a Delta loop for 10mHz with the apex near the top of my tower (about 55 ft) simply because that's the easiest way for me to put it up. Likewise, I would like to feed it at the apex for the same reason. The top will be closest to the tower which also gives a convenient path for the feedline, down to the antenna switch. The bottom 'corners' will be pulled out to whatever is convenient for tie-off points. I get the impression that this is possibly the most UNdesirable feed point. Why so, and what am I likely to end up with if I do it that way?

Thanks.

72/73 de Mike / W8DN  
weightdn@bright.net

-----  
> From: L. B. Cebik <cebik@utkux.utcc.utk.edu>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: Re: 40-meter Loops: which way is up?  
> Date: Friday, November 29, 1996 5:21 PM  
>  
> In the various exchanges about full-wave loop antennas, replies often omit  
> the crucial fact: whether they are referring to a horizontally oriented  
> loop or to a vertically oriented loop. The difference makes a great  
> difference in performance and construction ease.  
>  
> Among vertically oriented loops are the delta and the quad (usally square  
> rather than diamond for the low bands. Square loops or quad loops of 1  
wl  
> generally show a lower take-off angle than dipoles set at the height of  
> the lower quad wire--simply because the upper wire contributes to that  
> angle. And they have a little gain over the dipole, but the exact amount  
> depends on comparative heights between dipoles and quad loops.  
> snip <

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Bill Myers <bmyers@destin.nfds.net>  
Subject: [5285] Re: 40M loop  
Message-ID: <1.5.4.16.19961129112345.090f54da@destin.nfds.net>

At 10:03 AM 11/29/96 -0700, Bob Hightower wrote:  
>Please e-mail direct. If this can be done, seems like a project for this  
>weekend, provided the rain holds off.

Please info copy the reflector also as some other of us are interested in doing this.

I too plan on putting up a 40 meter loop, hopefully within the next week or so. My shifts change to days for the month of December and I plan to chase every fox running during the month, as well as get my code speed up by QRP'ing my fingers off.

72

--  
Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282  
Grid EM60rk (Shalimar, FL 32579)  
Snail Mail P. O. Box 178  
e-mail <bmyers@destin.nfds.net>  
homepage <http://destin.nfds.net/~bmyers/>  
(Reptiles/Emergency Services/Amateur Radio)  
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE  
<http://n9nvv.qrp.com/~fists>  
^^^^ That's N 9 N V V

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Jim Hydzik <congress@magpage.com>  
Subject: [5282] Re: 50 States in 50 Days  
Message-ID: <199611291537.KAA20205@alaska.magpage.com>

Hi Steve,

It sure is strange not having to work CQWW between relatives and turkey. Thanks for offering the help with 50 States in 50 Days. Mike/K1MG and I are working out the details and have some neat-o things in the works. More info after the turkeys are gone. (sure glad the relatives/visitors don't read this reflector :)

Jim K3QIO Delaware

At 11:51 PM 11/27/96 -0700, you wrote:

>Group,

>

> Happy Thanksgiving to all you QRP nuts ! And would be happy to help out in  
>the 50 States in 50 days ( or what ever ). I am in Idaho and know that this  
>State is hard for some to get. Don't know why though, I'm on the air all  
>the time, you just have to find me !!!!! Can operate 160 thru 10, with the  
>help of the sun ! See ya on the air !

>

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996

From: KFGlynn@aol.com

Subject: [5300] Re: FS: Icom 730 QRP Mod

Message-ID: <961129170533\_1553688602@emout17.mail.aol.com>

Hi gang,

I turned down the power on my Icom IC-728 with the internal pots. Checked the output power on my friend's scope. There should be two clearly labeled pots on the motherboard. Check the manual.

The rig was putting out a bit more than 100 watts, so I turned it down to 100w, since that's what it is rated at. I can go a bit more than 1 watt or so now at a min vs. 10.

72 Kevin N2T0

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996

From: Ed Tanton <n4xy@avana.net>

Subject: [5308] Re: Linears

Message-ID: <3.0.32.19961129201135.0094ab60@tiger.avana.net>

At 03:11 PM 11/29/96 -0800, Ron Giuntini wrote:

>How can the QRO guys justify running 1000 watts when 150 is more than enough  
>for normal communications? I have read the Kurt N Sterba column for years  
>and I have gathered enough knowledge to see that the extra few dB you pick  
>up with a linear amp are not worth the trouble.. Why can't the antennas do  
>the work? They can and do. I just wanted to get this off of my chest after  
>reading how somebody is turning down the power on his 730. That is the way  
>to go.

> Ron

There are two reasons Ron: 1) There is a very competitive bunch of guys out there who will go to at least any length to "keep up with the Jones'es"-or even worse beat the Jones'es in order of answer in DX-pedition pileups. I know several relatively law abiding hams who fire up their two-hole Alphas using RG-17 by necessity I might add) ONLY for those extremely rare ones-that does not EXCUSE them, it is WHY however. Otherwise, they are reasonable guys. And they don't begin to touch the guys with 4CX3000's and the like.

2) OK, I'm gonna get some serious flack on this, but I believe I have experienced conditions on 80M and below where 1500W-out has gotten through the noise level and 100 simply was not hearable at the other station. I have only observed this once on 20M, when in communication with the South Pole, and under every bad condition there are letters for: we tried lower power, to absolutely no avail. I have also tried this on 80M and (especially) 160M several times-as a matter of interest. Some of the time it worked OK, and some of the time it didn't. The DIFFERENCE was seasonal & solar noise. I know any such information is purely anecdotal-with few samples and many variables. But it has been enough to satisfy me that there are times and places when power will punch through an otherwise untenable noise level.

Something that needs pointing out: one of the friends with the 2-hole Alphas DOES do his antenna work: he has a 4 element wide spaced quad for 20-up and many other antennas for below that. I would not like to be a bird flying in front of the focal point of that quad at the wrong moment.

But NONE of this answers your fundamental question: How can they justify running QRO. The answer is, that for MOST HF communications, under MOST conditions, there is absolutely NO justifying 1000-1500W...NONE. It is not necessary, it is not useful, it is not a proper usage of bandwidth, and it is against the rules, in that we are required to use the minimum power necessary for a reliable QSO.

Most of all to me, it is just plain BORING!!! I honestly think there is MORE FUN in the operations discussed here on QRP-L than can be found in YEARS of HI-POWER, BLASE' easy-come easy-go operations. I think more and more people are realizing the great fun to be had in QRP, and the activity and club membership numbers bear that out. Talk about your oxymorons: QRP POWER!!!

72/73

Ed Tanton N4XY      EMAIL: n4xy@avana.net      TEL: (770)579-3933 V/MBX/FAX  
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663      G-QRP#6779      OK-QRP#172      QRP-L#758      AdvRC#140

NORCAL#1779

NCDXF

SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA URL: Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996

From: Monte Stark <ku7y@sage.dri.edu>

Subject: [5312] Re: Linears

Message-ID: <Pine.SUN.3.90.961129190018.6350D-100000@vortex.sage.dri.edu>

On Fri, 29 Nov 1996, Ron Giuntini wrote:

> How can the QRO guys justify running 1000 watts when 150 is more than enough  
> for normal communications?

I'll bet we could get a lot of differnt definitions of "normal comm"!

> I have read the Kurt N Sterba column for years  
> and I have gathered enough knowledge to see that the extra few dB you pick  
> up with a linear amp are not worth the trouble.. Why can't the antennas do  
> the work? They can and do.

Not quite....and not always. To prove this, just listen to the BC  
stations. 50KW and Great antennas! The little 5KW boys just fade into  
the QRN.

That's not to say that they could more often than not manage to  
have their QS0s without all that power. But it's not always  
wrong to use it either.

There are a large number of QRPers who think using big antennas is  
a form of cheating. They think that you should use nothing more than  
a dipole and etc!

So each one of us operates they way it makes us feel best. For those of  
us on this list, it's QRP more than QRO!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: "David D. Meacham" <ddm@datatamers.com>  
Subject: [5288] Re: More 40-meter-loop info  
Message-ID: <Pine.LNX.3.91.961129094355.2027B-100000@dt1.datatamers.com>

Hi Bob,

If driven in a lower corner the polarization is a mixture of vertical and horizontal. This is OK if you want some close-in coverage (the horiz. component). But, if you are interested in low-angle DX coverage only, as I think you want, the place to feed it is 1/4-wavelength down from the apex (on either slant wire). Break the wire, put in an insulator, and attach the balanced feed line. I support my feed line from a 4X4 post, which also anchors the lower corner of the loop. I run a "messenger line" of guy wire from the post to the shack. From it I hang the 72-Ohm feed line with spaced loops of black tie wraps. You can use 300-Ohm twinlead or open wire line, too. If you don't want the line to act as a transformer, make it a multiple of an electrical 1/2-wave (69.34 feet at 7.05MHz for open wire. Multiply by velocity factor if not open wire). You will need a tuner with balanced output (Johnson "Match Box" or one with a Balun).

72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: VE3JC John <jbcumming@wwdc.com>  
Subject: [5277] Re: Need help with CQWW QSL addresses  
Message-ID: <329ED59A.158F@wwdc.com>

jim hale wrote:

>  
> Hello, I need help finding QSL info on the following;  
>  
> 5V7A D44BC V26LN EA6IB CT8T  
>  
> And did I copy 9Y4VV or VU ?  
>  
> Whats the best place to look so I can find them myself next time?  
>  
> Thanks and 72/3'z de Jim           also kj5tf2@juno.com

I have found the following qsl manager database search to be a great help: [http://www.systemtechnik.tu-ilmenau.de/ham/qslpdb\\_gate.html](http://www.systemtechnik.tu-ilmenau.de/ham/qslpdb_gate.html)

Good luck. - John

--

\*\*\*\*\*

VE3JC - JOHN CUMMING  
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

From owner-qrp-1@Lehigh.EDU Fri Nov 29 23:12:14 1996  
From: Paul F. Carreiro <carreiro@current.BarePower.net>  
Subject: So-Calif QRP get-together next weekend...

Ok all you Southern California QRPers.. now's the time to come out of the wood work and show Doug that we have as much QRP gusto as those "Central Californians".

As John, W6SU (ex-AB6DG) has announced, we will be graced with the presence of Doug, KI6DS (the one and only) at this month's TRW Swapmeet. We will be gathering at roughly 10AM, near the TRW club booth, then reconvene at a restaurant nearby for brunch and show-N-tell.

The TRW Swapmeet happens every month on the last Saturday of the month in Redondo Beach. To get to the swap, take the 405 Fwy to Roscrans Ave west. Turn left at Aviation Blvd (at the railroad over crossing) and proceed south. At Marine Ave, turn right (westbound) to the first light and turn right into the TRW parking lot. Follow the signs to parking. The flood gates open at 7AM for you bargain hunters. Things usually wrap up by 11:30AM.

The talk-in frequency for the swap is the TRW club repeater, 145.32 (-). For the QRP gathering.. once at the swap, use 144.40 simplex as a chat freq. Announce your presence on frequency with "QRZ QRP gathering, this is <yourcall>" That way we will be able to identify our group from others using the freq.

If you plan to attend our gathering, please drop me an email so I can get a general idea of how many to expect. Restaurant reservations demand this. Local establishments are inundated with hams as the swap winds down. Also, if you need further instructions or have questions, just ask.

This will be a prime opportunity to meet other area QRPers, see their nifty trinkets and, oh yeah.. meet Doug Hendricks, KI6DS. hehe.. sorry Doug. QRP guests are very welcome... my YL will be with me (be warned Doug hehehe). Also, if you've ever been curious about the Zuni Loop Mountain Expeditionary Force, this will be a great chance to meet some of us, see some of our secret

weapons, and see pictures of our last Field Day.

For those who have already emailed me, I will send private email toward the end of the weekend with further information.

72 to all, see you at the swap!

de Paul, N6EV (ex-N6HCS) /M /QRP /QRQ

Paul F. Carreiro - N6EV - E-Mail: carreiro@barepower.net  
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NorCal QRP #367 / QRP QRCI #8885 / CW FISTS #1407 / QRP-L #236  
Zuni Loop Mountain Expeditionary Force (QRP Field Day)

From owner-qrp-l@Lehigh.EDU Fri Nov 29 23:12:14 1996

From: Joel Malman <malman@BBN.COM>

Subject: [5274] Re: where is everybody?

Message-ID: <199611290531.AAA272636@nss2.CC.Lehigh.EDU>

> I was here most of the day and the upper bands were open  
> very nicely. I worked Azores, Canary Islands and then  
> Oregon, W7WHO, Dennis was just waiting for me. 2 watts goes  
> a long way.

They sure were. I worked W7WHO also... My nice catches included PY0F/PP1CZ, VP2EST, assorted JB8's, WL7KY and JA5SY/SP3 (at about 45 wpm) all with abt 4 watts and my dipole.

72,

/joel wa1qvm (concord, ma)